



UNITED STATES MARINE CORPS  
MARINE CORPS OPERATIONAL TEST AND EVALUATION ACTIVITY  
2032 BARNETT AVENUE  
QUANTICO, VIRGINIA 22134-5014

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8 May 17

From: Director, Marine Corps Operational Test and Evaluation Activity  
To: Commander, Marine Corps Systems Command  
Subj: 5.56 RELIABILITY BASELINE TEST SYSTEM ASSESSMENT REPORT  
Encl: (1) 5.56 Reliability Baseline Test System Assessment Report of May 2017

1. The enclosure formally records MCOTEA's final assessment of results from Part 1 and the Design of Experiment (Magazine Test) for the 5.56 Reliability Baseline Test (5.56 RBT) from March - October 2016 at Aberdeen Test Center, Aberdeen, Maryland.

2. The report's objective is to provide the final independent analysis of test results from the 5.56 RBT and provide final recommendations to Marine Corps Systems Command, Program Manager Infantry Weapons with respect to potential impact to the U.S. Marine Corps' fielding M855A1 ammunition and the U.S. Army's new Enhanced Performance Magazine (EPM).

3. The MCOTEA point of contact is (b)(6) at (b)(6)  
(b)(6) or (b)(6)

(b)(6)

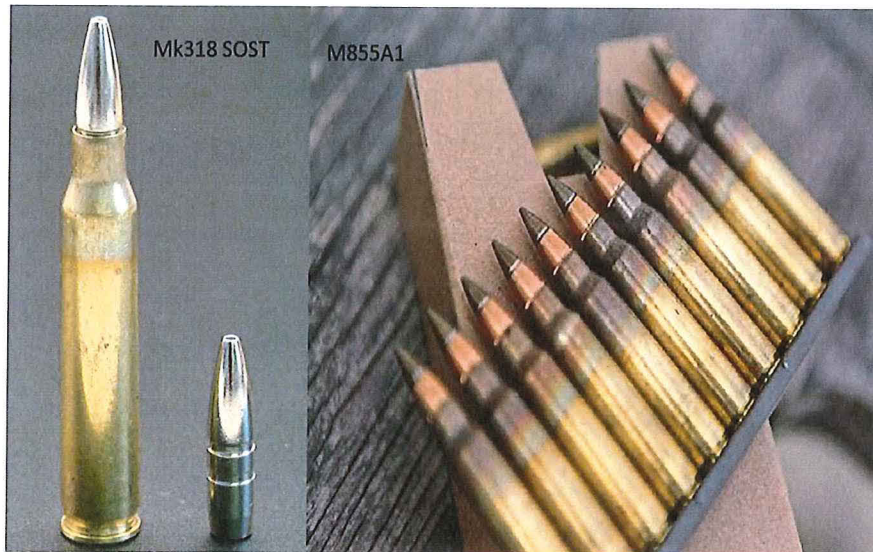
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Marine Corps Operational Test and Evaluation Activity

MCOTEA Ser 0091

## 5.56 Reliability Baseline Testing System Assessment Report



May 2017, Original

Marine Corps Operational Test and Evaluation Activity  
2032 Barnett Avenue  
Quantico, VA 22134-5014

Approved:

(b)(6)

10 MAY 17

Date

Director, MCOTEA

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Pages 3 through 28 redacted for the following reasons:

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(B)(3) 10 USC 130, (B)(5), (B)(6)